Winthrop

Town Hall 1 Metcalf Square Winthrop, MA 02152 Phone 617-539-5750

Board Members

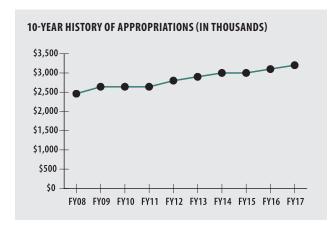
Francis Carberry (Chairperson), Stacy DiChiara, Michael Perez, Brian Perrin, Debra J. Sullivan

Board Administrator Michelle St. Jean **Board Meeting**

Last Monday of the month



INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES) 16% 14% 12% 10% 8% 6% 4% 2% 0% 12-16 85-16 14 15 16



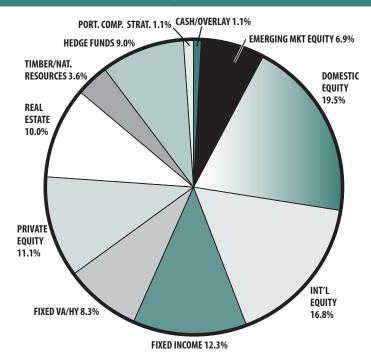
32 years 2016 8.56%	31 years 2015 8.58%	30 years 2014 8.83%
10 years 2016 4.99%	10 years 2015 5.71%	10 years 2014 6.80%
<u>5 years 2016</u> 8.88%	<u>5 years 2015</u> 7.24%	<u>5 years 2014</u> 9.60%

INVESTMENT RETURN HISTORY

ACTUARIAL

► Funded Ratio		75.9%
▶ Date of Last Valuation		01/15
► Actuary		PERAC
Assumed Rate of Return		7.50%
► Funding Schedule		4.0% Total Increasing
Year Fully Funded		2028
▶ Unfunded Liability		\$16.8 M
► Total Pension Appropriation (Fiscal 2017)		\$3.2 M
	ACTIVE	RETIRED
Number of Members	257	186
► Total Payroll/Benefit	\$11.7 M	\$3.6 M
Average Salary/Benefit	\$45,500	\$19,100
► Average Age	49	75
► Average Service	12.2 years	NA

ASSET ALLOCATION (12/31/16)



EARNED INCOME OF DISABILITY RETIREES (2015)

► Number of Disability Retirees	15
▶ Number Who Reported Earnings	2
▶ Number of Excess Earners	0
► Total Amount of Refund Due	\$0

▶ 2016 Return	8.13%
▶ 2016 Market Value	\$59.9M
▶ 2012-2016 (Annualized)	8.88%
▶ 1985-2016 (Annualized)	8.56%